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JP-A 10228678; JP-A 9029158; JP-A 97029158

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PATENT ABSTRACTS OF JAPAN

10228678

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August 25, 1998

OPTICAL INFORMATION RECORDING MEDIUM AND ITS DRIVING DEVICE

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APPL-NO: 09029158 (JP 97029158)

FILED: February 13, 1997

ASSIGNEE: RICOH CO LTD


INT-CL: G11B7/24, (Section G, Class 11, Sub-class B, Group 7, Sub-group 24);
G11B23/40, (Section G, Class 11, Sub-class B, Group 23, Sub-group 40); G11B27/00,
(Section G, Class 11, Sub-class B, Group 27, Sub-group 00)

ABST:

PROBLEM TO BE SOLVED: To eliminate heat conductive material and to make possible easily precisely measuring a temp. in the vicinity of an information recording medium with simple constitution by providing a variable color member changing a color at a prescribed temp. in the range answering to a recording area of an optical disk that a use temp. is prescribed.

SOLUTION: Several places of variable color members 20 changing the color at the prescribed temp. are provided radially in the range answering to the recording area 5a of the label surface 5b of the optical disk 5. As the variable color member 20, a seal applied with an iodide, etc., or a label printed with an iodide ink are stuck. In such a manner, by arranging the variable color members 20, the temp. change distribution of the optical disk 5 in the radial direction is detected simply and clearly, and recording/reproducing is performed surely at the prescribed temp. or below, and a user recognizes rapidly abnormality related to the temp., and rapid answering becomes possible.

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